

Previous Measurement			Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rs.	P.	Amount	Qty	Cost	
-	-	1	1541.00		1541.00	1	1541.00	
-	-	50.00	250.00		12500.00	50.00	12500.00	
-	-	50.00	327.00		16350.00	50.00	16350.00	
-	-	50.00	365.00		18250.00	50.00	18250.00	
-	-	50.00	384.00		19200.00	50.00	19200.00	
-	-	50.00	445.00		22250.00	50.00	22250.00	
-	-	50.00	477.00		23850.00	50.00	23850.00	
-	-	70.00	1053.00		73710.00	70.00	73710.00	
-	-	18.00	1751.00		31518.00	18.00	31518.00	
-	-	1	1431.00		1431.00	1	1431.00	
-	-	1	44849.00		44849.00	1	44849.00	
-	-	260.00	329.00		85540.00	260.00	85540.00	
-	-	44.00	143.00		6292.00	44	6292.00	
-	-	540	100.00		54000.00	540.00	54000.00	
-	-	44	69.00		3036.00	44.00	3036.00	
-	-	1.00	240.00		240.00	1	240.00	
-	-	30.00	111.00		3330.00	30.00	3330.00	

Sl. No.	Unit
18	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. 6Sqmm to 16 Sqmm) etc., complete and as per the directions of the Engineer-in-charge of the work
19	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete and as per the directions of the Engineer-in-charge of the work
2	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV etc., complete and as per the directions of the Engineer-in-charge of the work
21	Supplying and fixing L.T. cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work
22	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, etc., complete and as per the directions of the Engineer-in-charge of the work
23	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete and as per the directions of the Engineer-in-charge of the work
24	Providing and fixing 50mm nominal bore gun metal non-return etc., complete and as per the directions of the Engineer-in-charge of the work
25	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898. 5-32Amps Group A TPN etc., complete and as per the directions of the Engineer-in-charge of the work
26	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete and as per the directions of the Engineer-in-charge of the work
27	Providing outdoor panel upto 15.00 HP etc., complete and as per the directions of the Engineer-in-charge of the work
18	Earthwork excavation for pipeline trenches including deporting or bank up to a lead of 50 mtrs including shirry and statting danger lighting and using site rails and boring poles at every 100 mtrs wherever necessary as directed in the following structure manhole. Hard Soil etc., complete and as per the directions of the Engineer-in-charge of the work
29	Providing and installation at site of works P.V.C. Pipes including cost of pipes and specials and including lowering into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe allround to a depth Not less than 15cm with grave or selected earth available from the excavation etc., complete and as per the directions of the Engineer-in-charge of the work
30	Refilling the basement and pipeline treanches with selected available earthe for trench excavation including authority condition in layers from thed including dispensary of the surplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work
	Sub Total 1
31	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete - for 50mm dia: etc., complete and as per the directions of the Engineer-in-charge of the work
32	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work
	Sub Total 2
	GST @ 12% for Sub Total 2
	BESCOM Deposit = 1731+9140+9+100 = 10980.00
	Total

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement			Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rs. P.	Rate	Amount	Qty	Cost	
-	-	30.00	8.00		240.00	30.00	240.00	✓
-	-	25.00	67.00		1675.00	25.00	1675.00	✓
-	-	4	274.00		1096.00	4.00	1096.00	✓
-	-	1	222.00		222.00	1	222.00	✓
-	-	1	2167.00		2167.00	1	2167.00	✓
-	-	6	143.00		858.00	6	858.00	✓
-	-	1	1431.00		1431.00	1	1431.00	✓
-	-	1	1229.00		1229.00	1	1229.00	✓
-	-	23400.00	0.26		6084.00	23400	6084.00	✓
-	-	1	12322.00		12322.00	1	12322.00	✓
-	-	648.00	149.00		96552.00	648	96552.00	✓
-	-	1800.00	97.00		174600.00	1800.00	174600.00	✓
-	-	648.00	48.00		31104.00	648	31104.00	✓
-	-	1.00	176.00		176.00	1.00	176.00	✓
-	-	18.00	1772.00		31896.00	18.00	31896.00	✓
-	-				32072.00		32072.00	✓
-	-				3848.64		3848.64	✓
-	-	1	10980.00		10980.00	1	10980.00	✓
-	-				794367.64		794367.64	✓

79539.00

Sweet-N-K
At 12/11/10

[Signature]
Assistant Executive Engineer
Vidvaranapura Sub Division

Original/Duplicate/Triplicate CONTRACT CERTIFICATE

No. First & Final Bill

(For Other Works)

SRR No. 41/19-20

Date: 15/10/2019

Division: BBMP, Byataranyanapura

Sub-Division: BBMP, Vidyananyapura

Bill Received No. _____ Dated _____

Cash Book Voucher No. Dated.

Sub Divisional

Work Code: 010-19-000005

Est. Cost: 10.00 Lakhs D.R. No.:

Schedule Docket No. _____ Head of Account: P-3293
Name of Work (as per sanctioned estimate: **Providing Drinking Water by Sinking of Borewell and Pipelines in Ward No. 10 (Doddabommasandra).**

Name of Contractor and Full Address: **Sri. A. Chiranjeevi, Contractor, # 31, Kaverinagara, Kavalbyrasandra, Bangalore - 560 032.**

Dated: 07.06.2019

Reference to Agreement No. BBMP/EE/BTP/E-PMT/19(34056)/WO/26/2019-20

Certified that the measurements were taken by me on 30/09/19 and recorded of Pages 192224 to 192239

measurement Book No. 8923/13-14 and that the work is satisfactorily executed.

A. Chiranjeevi
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 30/09/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.
- 3) Balance

4) Deduct Payment:

- a. Amount of previous payment as in the Office Cash Book Voucher

No. Dated. S.D. No.

adjusted towards cash advance recovery of

- b. Payments } cost store or other material supplied.

Now made } recovery of amount creditable to this/other work

Amount paid on this bill Cheque / Cash.

- 5) Balance being unpaid value of work done held in reserve.

- 6) Deduct cash advance made on the Office cash Book Voucher No. less adjustments.

- 7) Net amount due to or from Contractor unadjustments items.

- 8) Advance to Contractor for materials brought to site (as detailed) within.

- 9) Value of Government materials supplied.

Total amount adjusted -

A. Chiranjeevi
Contractor's Signature

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Witness

1. *A. Chiranjeevi*
2. Signature of Contractor
- Dated _____
- Paid by me by Cheque No. Dated.
- Cash Rs.
- Dated.

(For use in the Office)

Stamp
ಲೆಕ್ಕಪರಿಶೀಲನೆ
ಜಿಲ್ಲಾ ಮೊಬಲಗಾಧಿಕಾರಿ
ಇವರಲ್ಲಿ ರೂ. 31582-00 ನಷ್ಟು ಮೊದಲಿನಿಂದ
ಮಾಡಿಕೊಂಡು ರೂ. 31582-00 /

Initials of Officer making payment

Sl. No.	Unit
1	Each BW
2	Rmtr
3	Rmtr
4	Rmtr
5	Rmtr
6	Rmtr
7	Rmtr
8	Rmtr
9	Rmtr
10	Set
11	No
12	m
13	No
14	Mtr
15	Per Leng th
16	Each
17	Mtr

Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Water in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work

Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m

50 to 100 m

100 to 150 m

150 to 200 m

200 to 250 m

250 to 300 m

Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick conforming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and conforming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded conforming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and duties) Prices include Collar-medium duty etc., complete and as per the directions of the Engineer-in-charge of the work

Code No.: 3008 Providing 250mm dia PVC Pipe 10kg/cm etc., complete and as per the directions of the Engineer-in-charge of the work

Providing and fixing Borewell Cap and Clamp Set etc., complete and as per the directions of the Engineer-in-charge of the work

Supply and delivery at site brand New texmo/ Innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction, casing suction strainers sand guard Non return valve etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps etc., complete and as per the directions of the Engineer-in-charge of the work

Providing GI Pipe 50-mm 'B' Class etc., complete and as per the directions of the Engineer-in-charge of the work

Providing Collar 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work

Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor conforming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & conforming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 4 Sqm mm etc., complete and as per the directions of the Engineer-in-charge of the work

Labour charges for erection as new /repaired submersible pumpset along with GI pipe (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pumpset should be handed over to department including transportation (Each length =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work

Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete and as per the directions of the Engineer-in-charge of the work

Supplying of 1.1 KV/LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) conforming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & conforming to GTP of GROUP-A etc., complete and as per the directions of the Engineer-in-charge of the work